IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (02-479-E)

In Re Application of:

Belardinelli, et al.

Confirmation No.: 3369

Serial No.: 10/766,403

Group Art Unit: 1623

Filing Date: January 27, 2004

Examiner: Lawrence E. Crane

Title: Myocardial Perfusion Imaging Method

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REPLY TO THE APRIL 1, 2009 FINAL REJECTION

Sir:

This is a Reply to the April 1, 2009 Final Rejection of the above-identified patent application.

A Listing of the Claims begins on page 2 of this paper.

Remarks begin on page 6 of this paper.